

**SINGLE ASSIGNEE
CASE SPECIFIC POWER OF ATTORNEY**

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM and STATEMENT UNDER 37 CFR 3.73(b)	Application Number	10/507,475
	Filing Date	09/10/2004
	First Named Inventor	Haruki TODA
	Title: PHASE-CHANGE MEMORY DEVICE	
	Attorney Docket Number:	

<p>I hereby appoint:</p> <p><input checked="" type="checkbox"/> Practitioners associated with the Customer Number</p>	
<div style="border: 1px solid black; padding: 2px; display: inline-block;">22850</div>	
<p>as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.</p>	
<p>Please recognize or change the correspondence address for the above-identified application to:</p> <p><input checked="" type="checkbox"/> The address associated with the above-mentioned Customer Number.</p>	
<p>I am the:</p> <p><input checked="" type="checkbox"/> Assignee of record of the entire interest. See 37 CFR 3.71.</p>	
<p><u>KABUSHIKI KAISHA TOSHIBA</u> (Name of Assignee), a <u>Corporation</u> (Type of Assignee, e.g., corporation, partnership, government agency, etc.)</p>	
<p><input checked="" type="checkbox"/> States that it is the assignee of the entire right, title, and interest. A copy of the assignment is attached.</p>	
<p>SIGNATURE OF ASSIGNEE OF RECORD</p>	
<p>The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.</p>	
	<hr/>
Signature	Date
<u>Taisuke Kato</u>	
Printed or Typed Name	Telephone Number
<u>General Manager, Intellectual Property Division</u> Title	
THIS FORM CAN ONLY BE SIGNED WHERE THERE IS ONLY A SINGLE ASSIGNEE	

ASSIGNMENT

(1-8) Name(s) of Inventor(s)	(1) Haruki TODA	(5)
	(2)	(6)
	(3)	(7)
	(4)	(8)
In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to		
(9) Name of Assignee	(9) KABUSHIKI KAISHA TOSHIBA	
(10) State of Incorporation of Assignee	(10) Tokyo, Japan	
(11) Address of Assignee	(11) of 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as	
(12) Identification of Invention, such as Title, Case Number or Foreign Application Number	(12) PHASE-CHANGE MEMORY DEVICE, 10/507,475 for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.	
(13) Date(s) of Signing of Declaration	(13) on	

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

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the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: October 21, 2004 Signature of Inventor 1 Haruki Toda

Date: _____ Signature of Inventor 2 _____

Date: _____ Signature of Inventor 3 _____

Date: _____ Signature of Inventor 4 _____

Date: _____ Signature of Inventor 5 _____

Date: _____ Signature of Inventor 6 _____